SYNERGY 2000 TWO-SPEED – WEATHERMAKER® 38YDA

HEAT PUMP

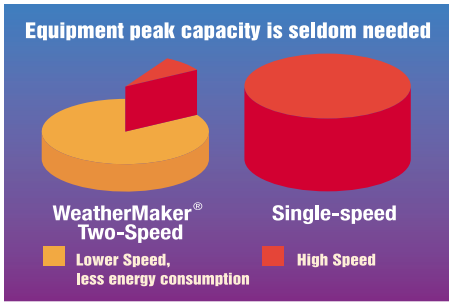
THE ULTIMATE IN YEAR-ROUND COMFORT AND EFFICIENCY WITH UP TO 8.8 HSPF AND 16.1 SEER

CARRIER'S TWO-SPEED TECHNOLOGY DELIVERS PRECISE INDOOR WEATHER.

RELIABLE COMFORT

Carrier has been delivering custom made indoor weather for almost one hundred years. Throughout this time, our dedication to the specific comfort needs of homeowners has enabled us to focus our research and design efforts on discovering new technologies and new products that make your life more comfortable. That's why so many homeowners turn to Carrier for their indoor weather solutions.

Using superior technology and innovative product designs is nothing new to Carrier. The Synergy 2000 delivers indoor weather that is superior to standard heat pumps because of its two-speed operation. Operating at low speed for a majority of the time, the Synergy 2000 delivers a nearly continuous stream of heating or cooling while making less noise than a standard model.



The Synergy 2000 operates at peak capacity only about 20% of the time. Single-capacity heat pumps cycle on and off at full capacity for inconsistent temperatures and added energy use.

MONEY-SAVING EFFICIENCY

Carrier's two-speed technology provides year-round comfort with the additional benefit of outstanding energy efficiency. With two stages of operation, the Synergy 2000 outperforms typical heat pumps. On high speed, the Synergy 2000 quickly delivers the temperature as indicated on your thermostat. Then it drops back to low speed to quietly and efficiently maintain your desired indoor temperature. Operating at the lower speed up to 80% of the time helps eliminate uncomfortable temperature swings while delivering up to 8.8 HSPF (Heating and Seasonal Performance Factor) and up to 16.1 SEER (Seasonal Energy Efficiency Ratio). The longer operational cycles also help control indoor humidity during the summer

Synergy 2000 2 cycles/hour

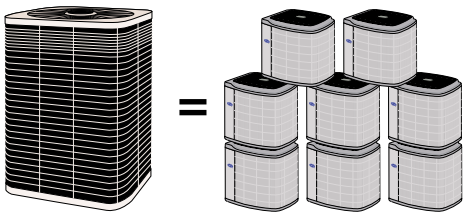
Single-speed 3 cycles/hour

Synergy 2000 cycles less often and runs for longer times than single speed units. Cycling is a primary cause of compressor failure, so less cycling improves reliability.

QUIET OPERATION

Designed with Carrier's exclusive Silencer System, the Synergy 2000 delivers the comfort of quiet operation. The uniquely designed top reduces the air turbulence within the unit for ultra-quiet performance. The compressor hood and vibration isolator plate prevent compressor noise from escaping into your living space. The efficient fan is designed to deliver quiet, energy efficient comfort to your home. All of these features combine to make the Synergy 2000 one of the most quiet heat pumps available, exceeding your comfort needs throughout every season.

COMPARATIVE SOUND LEVELS*



*Comparison of 38YDA and a standard model with a sound rating of 80dBa. Sound levels vary by size.

It takes almost eight Carrier 38YDA models operating at the same time to equal the sound produced by one typical heat pump.

Comfort HEAT PUMP SYSTEM

If warmer heating air temperatures and controlling humidity inside your home are important to you, ask your Indoor Weather Expert, your Carrier dealer, about the Comfort Heat Pump System.

Designed with a 38YDA heat pump, this exceptional new comfort system can deliver up to 20° warmer air temperatures in heating and can remove up to 30 times more moisture from the air during cooling.

EXPERIENCE YEARS OF RELIABLE OPERATION FROM THE INDUSTRY LEADER, CARRIER.

LASTING DURABILITY

From each internal component to Carrier's WeatherArmor™ III protection system, the Synergy 2000 is built to last. Designed to keep your heat pump safe from corrosion and damage, the WeatherArmor III protection system improves the overall durability of the Synergy 2000. This three-part system includes a cabinet made of heavy-gauge galvanized steel with baked-on powder paint for superior protection. The cabinet is assembled with ceramic-coated screws for corrosion resistance and long-lasting durability. And, finally, we protect the outdoor coil with an enhanced wire guard that helps keep your heat pump safe from hail, high winds, sporting equipment and potentially-damaging lawn equipment.

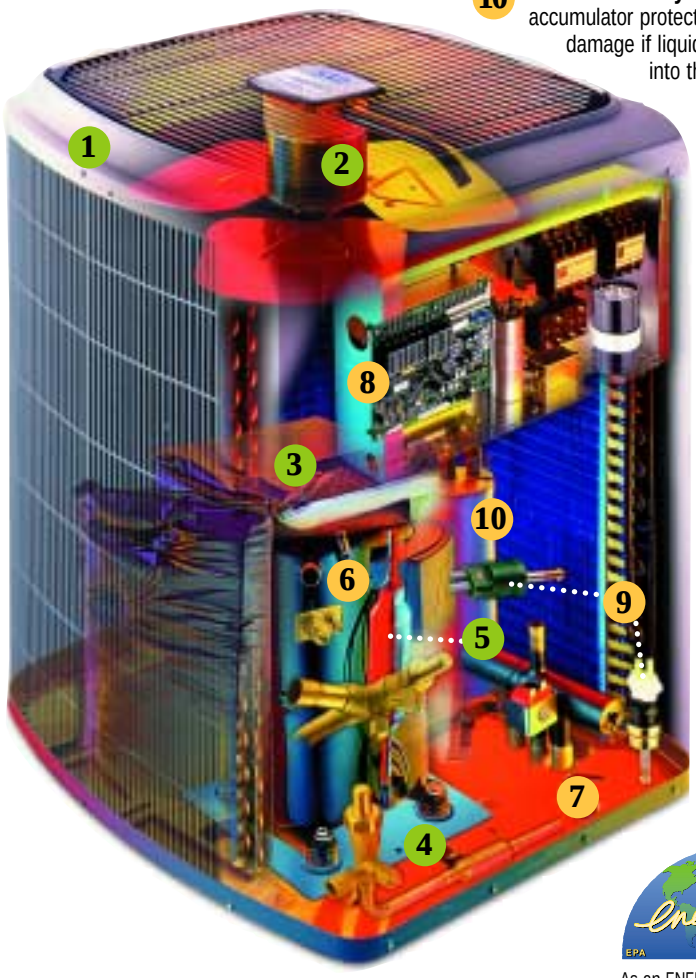
By protecting the components in your heat pump from external damage, the WeatherArmor™ III protection system ensures that you and your family enjoy custom made indoor weather for years to come.

TECHNOLOGY

Carrier's Silencer System

Exceptionally quiet operation is achieved with Carrier's Silencer System. Components of this system include:

1. **Silencer System top** which allows air to glide smoothly through the system.
2. **Highly efficient fan** designed to quietly move outdoor air.
3. **Deluxe compressor sound hood** absorbs compressor noise.
4. **Compressor vibration isolator plate** prevents vibrational noise from being transferred to the base pan.
5. **The discharge muffler** assures quiet indoor comfort by minimizing refrigerant pulsation through the refrigerant lines.
6. **Enhanced comfort and reliability are ensured by the two-speed compressor.** This versatile compressor operates on high speed to keep you comfortable all year long during extreme outdoor temperatures. With low speed operation, this unit maintains your comfort with extra-quiet, extra-economical performance.
7. **Quality is enhanced** with the Carrier base pan. Designed to properly drain water and debris from the unit, the chance for corrosion is greatly reduced.
8. **Reliable performance** is provided by the TimeGuard II™, which prevents unnecessary wear and tear on the compressor due to rapid restarts after shutdown.
9. **System protection** occurs as high and low pressure switches monitor refrigerant pressure and shut down the unit before permanent damage can occur to the compressor.
10. **Added reliability** is provided as the accumulator protects the compressor from damage if liquid refrigerant flows back into the system.



WARRANTY

The Synergy 2000 heat pump is backed by a **10-year limited warranty** on the compressor and a **two-year limited warranty** on the control board. All other parts are covered by a **one-year limited warranty.** Ask your Indoor Weather Expert about Carrier's extended warranty program.

Carrier®

This product is designed and manufactured under the ISO 9001 registered quality system.

As an ENERGY STAR® Partner Carrier Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

CARRIER INDOOR WEATHER SYSTEMS OFFER UNMATCHED PERFORMANCE.

INDOOR WEATHER SYSTEMS

Humidifier
As part of a total indoor weather system, a Carrier humidifier replenishes moisture to dry, indoor air.

Zoning
Comfort zoning allows you to set different temperatures for different areas of your home. Enjoy greater comfort and added energy savings with room-to-room temperature control.

Comfort Ventilator
Carrier's comfort ventilator adds a breathe of fresh air to today's tightly constructed home. It combines fresh outdoor air with conditioned air for improved air and energy exchanges.

Thermostat
A Carrier thermostat is your command center. Precise temperature control and programmable features keep you in touch with your comfort.

Fan Coil
This is the indoor section of your heat pump system. It should be properly matched to the outdoor unit for improved efficiency and long-term reliability.

Air Cleaner
Carrier air cleaners can substantially improve your indoor weather by removing harmful and irritating airborne pollutants from your home.

Heat Pump
This outdoor unit provides high-efficiency heating and cooling with maximum reliability for long-lasting comfort and energy savings. When you replace your outdoor unit, Carrier recommends the replacement of the indoor section as well to ensure peak performance and reliability. Ask your Indoor Weather Expert about Carrier's environmentally sound heat pumps with Puron® refrigerant.

MATCHING COMPONENTS PROVIDE OPTIMUM EFFICIENCY AND SYSTEM PERFORMANCE.

- Forced-air systems are usually built around an indoor unit, such as a furnace or a fan coil.
- The outdoor unit, either an air conditioner or a heat pump, will be matched with an indoor coil. All system components should be properly matched to improve energy efficiency and long-term reliability.
- Air quality is greatly enhanced with the addition of an air cleaner, humidifier and a ventilator.
- Precise temperature control comes from a Carrier thermostat which is matched to your specific indoor weather system.
- Zoning provides the ultimate control for truly custom made indoor weather.

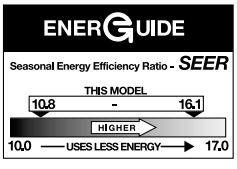
EXPERTISE

Carrier has been on the leading edge of the indoor weather industry since Willis Carrier invented what we now know as air conditioning in 1902. Since that time, Carrier scientists, engineers and dealers have been providing homeowners with the most advanced indoor weather technology available. This technological advantage has enabled Carrier to customize indoor weather systems for millions of homeowners nationwide.

Today, you can rely on your local Carrier dealer to evaluate your indoor weather needs and suggest a customized system that fits those precise requirements. By recommending the appropriate heat pump, fan coil, humidifier, air cleaner, ventilator, zoning system and controls, your Carrier Indoor Weather Expert can deliver enhanced comfort while improving the efficiency of your indoor weather system. Ask your Indoor Weather Expert for a system evaluation today.

Carrier®

www.carrier.com



Always look for these symbols, the heat pump industry seals of certified performance, efficiency and capacity.

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